Jason P. Newport

EDUCATION

Acadia University, Wolfville, Nova Scotia, Canada, 2002
Bachelor's of Science in Mathematics
Department of Mathematics & Statistics

The University of North Carolina, Chapel Hill, NC, (expected 2007)
Doctor of Philosophy in Mathematics
Department of Mathematics
Advisor: Kenneth D.T. McLaughlin

RESEARCH INTERESTS

Direct and inverse spectral theory for the Nonlinear Schrödinger equation, as well as asymptotic properties of the equation. Riemann Hilbert Analysis. Nonlinear optics using the coupled Maxwell Bloch equations.

EMPLOYMENT

2007 **Student Summer Internship,** Los Alamos National Laboratory

2005-Pres. **Research Assistant**, Dept. of Mathematics, University of Arizona
Supervisor: Kenneth D.T. McLaughlin
Tucson, AZ

2002-2005 **Teaching Assistant**, Dept. of Mathematics, University of North Carolina
Chapel Hill, NC

2002 **Research Assistant**, Dept. of Mathematics & Statistics, Acadia University
Wolfville, NS, Canada

HONORS AND AWARDS

2002 **NSERC**, National Grant for Graduate Studies

2001 **NSERC**, Research Grant in support of Undergraduate Thesis work

REFERENCES

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